

Title (en)  
PS plate requiring no dampening water

Title (de)  
Vorsensibilisierte wasserlose Platte

Title (fr)  
Plaque présensibilisée à sec

Publication  
**EP 0490368 B1 19970521 (EN)**

Application  
**EP 91121268 A 19911211**

Priority  
JP 40186590 A 19901213

Abstract (en)  
[origin: EP0490368A1] A PS plate requiring no dampening water comprises a substrate provided thereon with, in order, a light-sensitive resin layer and a silicone rubber layer wherein the light-sensitive resin layer is formed from a composition comprising 1) at least one monomer represented by the general formula:  $R<2>O(CH_2CH(R<1>)O)_n R<3>$  [wherein  $R<1>$  represents a hydrogen atom or a methyl group;  $R<2>$  and  $R<3>$  may be the same or different and each represents a functional group, for instance,  $CH_2=CHCOOCH_2CH(OCOCH=CH_2)-CH_2-$  and  $n$  is an integer of not less than 1 ] ; 2) a photopolymerization initiator; and 3) a polymeric compound having film-forming ability. The PS plate has high sensitivity and is excellent in developability.

IPC 1-7  
**G03F 7/027**; **G03F 7/075**

IPC 8 full level  
**G03F 7/00** (2006.01); **G03F 7/027** (2006.01); **G03F 7/075** (2006.01)

CPC (source: EP)  
**G03F 7/027** (2013.01); **G03F 7/0752** (2013.01)

Cited by  
CN104356378A; US7772420B2; EP0510646A1

Designated contracting state (EPC)  
DE GB

DOCDB simple family (publication)  
**EP 0490368 A1 19920617**; **EP 0490368 B1 19970521**; DE 69126194 D1 19970626; DE 69126194 T2 19970828; JP 2577658 B2 19970205; JP H0594007 A 19930416

DOCDB simple family (application)  
**EP 91121268 A 19911211**; DE 69126194 T 19911211; JP 40186590 A 19901213